

Title (en)  
SACCHAROMYCES CEREVISIAE STRAIN

Title (de)  
SACCHAROMYCES CEREVISIAE STAMM

Title (fr)  
SOUCHE DE SACCHAROMYCES CEREVISIAE

Publication  
**EP 2837698 B1 20170913 (EN)**

Application  
**EP 13724628 A 20130412**

Priority  
• PT 10625213 A 20120413  
• IB 2013052934 W 20130412

Abstract (en)  
[origin: EP2837698A1] The invention regards a new *Saccharomyces cerevisiae* strain characterized by its deposition on 27 th March 2012 in the "Colección Española de Cultivos Tipo" (CECT) in Valencia - Depositary of the Budapest Treaty - under number CECT 13073. The strain can be used in food production by fermentation (including beverages), preferably obtained by musts fermentations such as wine, beer or cider. It is a further object of this invention the transformation of the strain described above, by metabolic engineering, for example, increase tolerance to ethanol by increasing the number of copies of the genes ethanol tolerant RCN1 and RSA3 or through evolutionary engineering, for example, the adaptation process of the yeast strain to increasing ethanol concentrations. Another object of this invention is the vinification process using the strain described above.

IPC 8 full level  
**C12G 1/00** (2006.01); **C12R 1/85** (2006.01)

CPC (source: EP)  
**C12G 1/0203** (2013.01); **C12N 1/185** (2021.05); **C12G 2200/05** (2013.01); **C12G 2200/11** (2013.01); **C12R 2001/865** (2021.05)

Cited by  
CN116515654A; CN109439556A; CN110343625A; CN112746028A; CN117126753A; US11060056B2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2837698 A1 20150218; EP 2837698 B1 20170913; PT 2837698 T 20171221**

DOCDB simple family (application)  
**EP 13724628 A 20130412; PT 13724628 T 20130412**